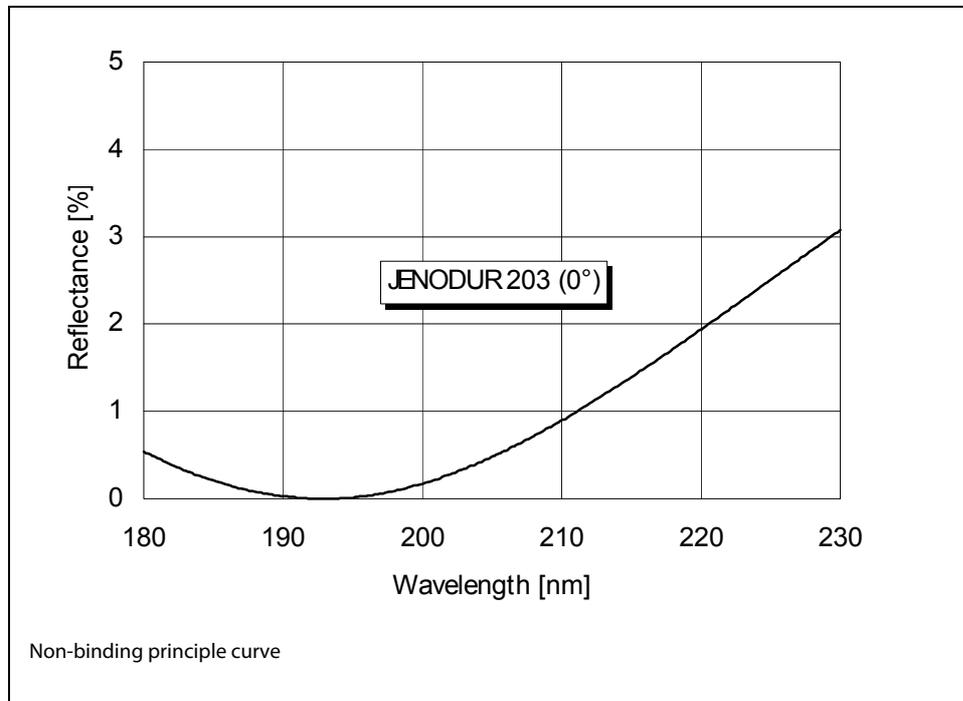


JENODUR 203

Antireflection Coating for ArF-Excimerlaser (193 nm)



AR - Coating
for VUV Laser

Optical properties:

(at the design wavelength)

$R < 0,2 \%$ for each substrate surface
at 0° angle of incidence

Applications:

Multilayer anti reflection coating
for excimerlaser (193 nm)

Angle of Incidence: 0° or 45°

Durability:

Adhesion: MIL-C-48497A / section 4.5.3.1

Special care should be taken for better durability.

Substrate material:

The coating can be applied on quartz glass or on CaF_2 .
Other materials are possible on request.

Special features:

Onset Laser Damage Threshold at 193 nm:
 10^8 on 1 mode : $> 15 \text{ mJ/cm}^2$

Issue:

June 97

Doc-No.:

dur203-99-14-0697-en

Ordering code:

JENODUR 203 (angle of incidence)